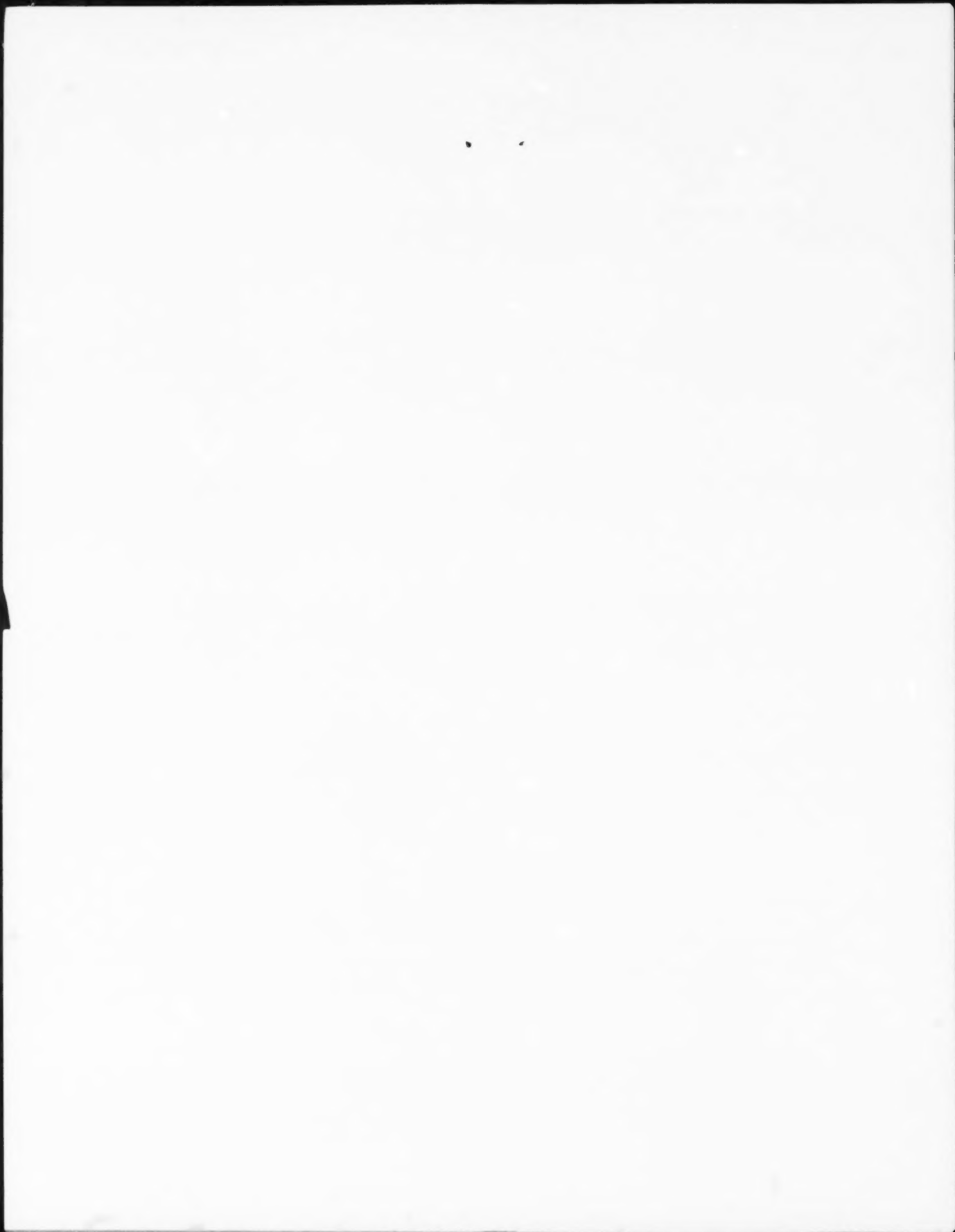


PHYSICAL ACCESSIBILITY STANDARDS GUIDELINES

ADOPTED BY  
THE SASKATCHEWAN HUMAN RIGHTS COMMISSION

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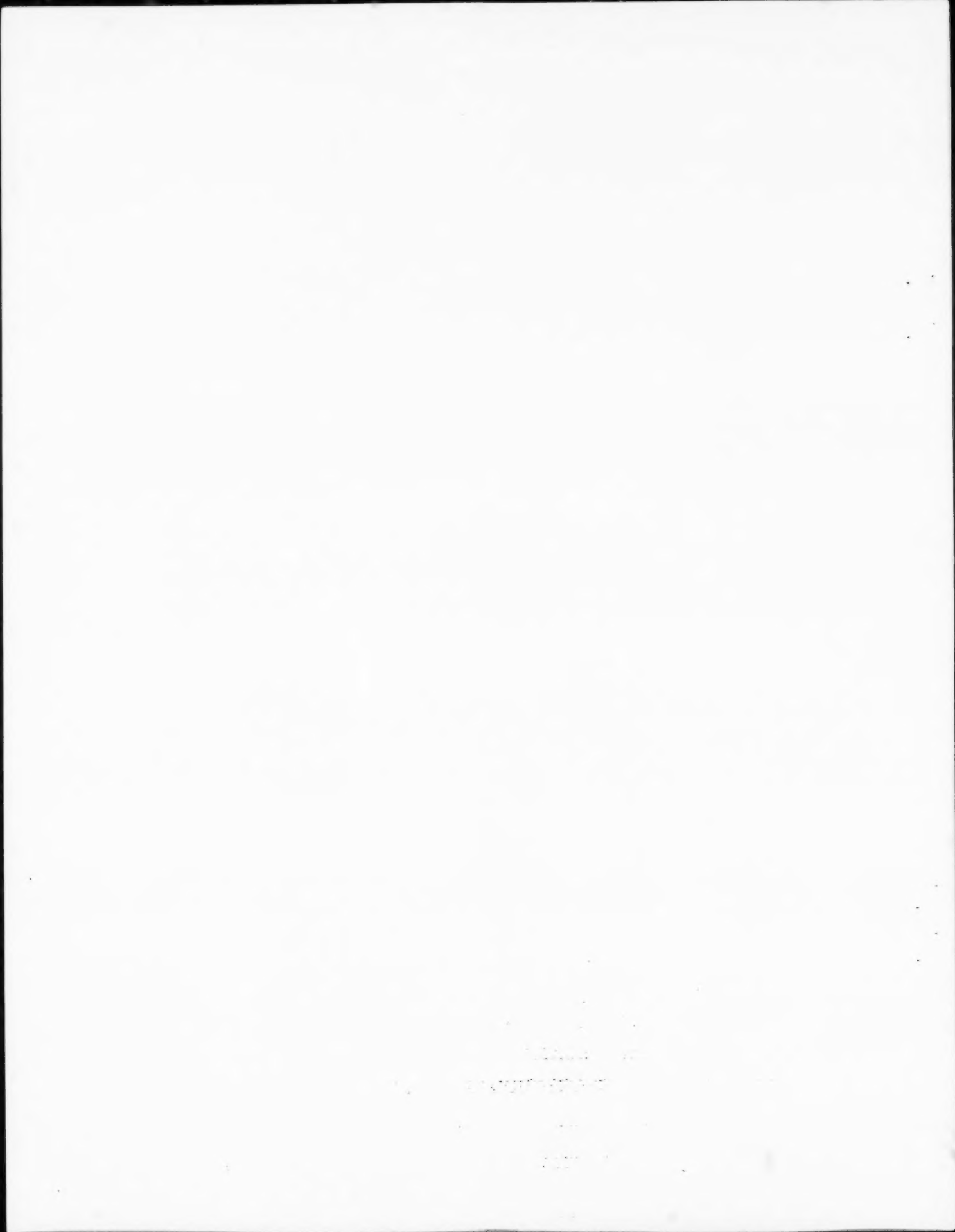
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## Page 1

These guidelines were first adopted by the Saskatchewan Human Rights Commission on August 14, 1980 and amended on July 1, 1985. In light of *The Uniform Building and Accessibility Standards Act and Regulations*, these guidelines have been further amended to conform to the new provincial legislation to the extent possible without compromising the accessibility standards the Commission has enforced since 1980. These Accessibility Standards Guidelines were adopted by the Commission on January 11, 2001, to be used in the following circumstances:

- (1) In determining whether buildings, services, facilities or accommodation in the province of Saskatchewan are accessible when a complaint is laid pursuant to any section of *The Saskatchewan Human Rights Code*, alleging that a particular building, service, facility or accommodation is not accessible;
- (2) To indicate to the public of Saskatchewan, in education programs of the Commission, what the Commission considers is meant by making a building, service, facility or accommodation accessible.

## SECTION 1

## SUBSECTION 1.1 TITLE

These guidelines may be cited as the Accessibility Standards Guidelines.

## SUBSECTION 1.2 THE NATIONAL BUILDING CODE OF CANADA

The Commission adopts, as a guideline in determining whether a building, service, facility or accommodation is accessible, the provisions of *The National Building Code of Canada*, 1995 edition, and *The Uniform Building and Accessibility Standards Act and Regulations* pursuant thereto, provided that where any inconsistency occurs between these guidelines and that legislation and regulations, or where these guidelines prescribe standards or requirements that are more stringent than *The National Building Code of Canada*, 1995 edition, or *The Uniform Building and Accessibility Standards Act and Regulations* pursuant thereto, these guidelines shall apply.

## SUBSECTION 1.3 DEFINITIONS

Words defined in the *National Building Code of Canada*, 1995 edition, shall have the same meaning in these guidelines unless specifically defined in these guidelines.

Access or accessibility means that a person using a mobility assistive device or with an orthotic or a prosthetic, or a visually impaired person, or a person with impaired hearing is, without assistance, able to approach, enter, pass to and from and make use of an area, a building, and its facilities, or any of them.

Dwelling Unit

- (a) detached dwelling unit means a building containing one dwelling unit,
- (b) duplex dwelling unit means a building divided horizontally and containing two dwelling units,
- (c) multiple dwelling unit means a building containing three or more dwelling units,
- (d) semi-detached dwelling unit means a building divided vertically by a common wall extending from the base of the foundation to the roof line, containing two dwelling units.

Facility means something that is built, installed, or provided to serve a particular purpose.

Major entrance means any access to a building or facility or portion of a building or a facility used for the purpose of entrance or as a means of egress, but does not include fire exits or doors into service rooms.

Path of Travel means a dignified route as direct as site conditions allow, from one place to another in the built environment, including both horizontal and vertical travel.

SUBSECTION 1.4 CLASSIFICATIONS

Classifications of buildings or parts of buildings by occupancy referred to in these guidelines shall be the classification of buildings or parts of buildings by occupancy as contained in *The National Building Code of Canada*, 1995 edition.

SECTION 2

SUBSECTION 2.1 APPLICATION

(1) Subject to clauses (2) and (3), and Subsection 2.3, these guidelines shall apply to all buildings, in which accommodations, services or facilities are offered to the public, unless the owner of the building or the provider of the accommodations, services or facilities can show that to make the buildings, accommodations, services or facilities accessible would cause undue hardship.

## SUBSECTION 2.2 EXEMPTIONS

- (1) The interior of 90% of the total number of dwelling units in multiple dwelling unit buildings or developments on one titled property, shall be exempt from the provisions of Sections 2 and 3, except that, in each dwelling unit the door into the main bathroom shall be accessible.
- (2) Where facilities or services are provided on more than one level:
  - (a) not less than 50% of the total floor area in that storey shall be accessible,
  - (b) the accessible area shall contain similar facilities and services as those contained in the non-accessible level or levels.
- (3) The following parts of buildings are exempt from compliance with these guidelines except for Subsection 3.8:
  - (a) service rooms,
  - (b) electrical vaults and electronic communications service vaults,
  - (c) elevator pits, hoistways, machine rooms, and service routes,
  - (d) building maintenance and machinery rooms,
  - (e) loading docks,
  - (f) commercial kitchens.

## SUBSECTION 2.3 SPECIFIC EXEMPTIONS

### Group A, Division 2 - Courthouses 2.3.1

In courthouses, holding cells are exempt from being accessible except one holding room and the washroom associated with it.

### Group B, Division 1 - Jails, Penitentiaries, Prisons 2.3.2

All detention quarters in all occupancies of Group B, Division 1 are exempt from these guidelines, except for one detention quarter and the washroom associated with it.

Group C - Hotels, Motor Hotels, Motels 2.3.3

In hotels, motor hotels and motels, bedrooms are exempt from being accessible except one bedroom for every 10 bedrooms or part thereof.

Group D - Barbershops, Hairdressing, Beauty Parlours 2.3.4

In barber shops, hairdressing shops and beauty parlours all sinks are exempt, except that where more than one sink is provided, there shall be access to at least one sink usable by individuals using mobility assistive devices.

SECTION 3

SUBSECTION 3.1 APPLICATION

This section applies to all buildings and parts of buildings that are required to be accessible and applies to exterior paths of travel.

SUBSECTION 3.2 EXTERIOR PATHS OF TRAVEL

Walks 3.2.1

- (1) Walks to each major entrance and all ancillary areas that are required to be accessible shall, upon installation:
  - (a) be continuous planes, not interrupted by steps or abrupt changes in level exceeding 13 mm,
  - (b) have a minimum uninterrupted width of 1100 mm,
  - (c) have a permanent, firm and slip-resistant surface containing no opening that will permit the passage of a sphere larger than 13 mm in diameter and the length of any such opening running in a direction which is less than 90 degrees from the normal path of travel shall not exceed 13 mm,
  - (d) have a cross slope not exceeding 1 in 50,
  - (e) have a cross-sectional area, of the width of a walk by a minimum height of 2100 mm, free from obstructions which project more than 100 mm from either or both sides into the area,
  - (f) have a gradient not exceeding 1 in 20 and if the gradient exceeds 1 in 20, the walk shall comply with the requirements for the construction of ramps.

- (2) Notwithstanding clause (1)(b), the minimum uninterrupted width of a walk shall be increased to 1500 mm for a length of 2000 mm at intervals not exceeding 30 m to allow wheelchairs to meet and pass;
- (3) Subject to clause (1)(e), walks with sustained lengths of gradients shall have level areas 1500 mm long at intervals not exceeding 30 m.
- (4) Where a vertical drop measuring from 75 mm to 150 mm occurs between a walk and a lower adjacent surface on either or both sides of the walk, the walk shall be provided with:
  - (a) a guard or,
  - (b) a continuous raised curb at least 75 mm high, except where walks are adjacent to streets or parking lots.
- (5) Where a vertical drop measuring from 150 mm to 600 mm occurs between a walk and a lower adjacent surface on either or both sides of the walk, the walk shall be provided with:
  - (a) a guard or,
  - (b) a continuous raised curb at least 150 mm high, except where walks are adjacent to streets or parking lots.
- (6) Where a vertical drop exceeding 600 mm occurs between a walk and a lower adjacent surface on either or both sides of the walk, the walk shall be provided with a guard.

#### Ramps 3.2.2

- (1) Where ramps are required to provide access, they shall:
  - (a) have a minimum uninterrupted width of 920 mm between handrails, except where specifically stated otherwise,
  - (b) have a permanent, firm and slip-resistant surface, containing no opening that will permit the passage of a sphere larger than 13 mm in diameter and the length of any such opening running in a direction which is less than 90 degrees from the normal path of travel shall not exceed 13 mm,
  - (c) have a maximum gradient of 1 in 12,

- (d) provide an unobstructed path of travel the width of the ramp by a minimum height of 2100 mm free from obstructions,
  - (e) be provided with an unobstructed, level area, minimum 1800 mm long by the width of the ramp, at bottom and top ends,
  - (f) have at least one handrail (preferably two) conforming to Subsection 3.7,
  - (g) have, where the vertical drop at the side of the ramp exceeds 75 mm, either,
    - (i) a 75 mm high curb or,
    - (ii) walls, railings or guards that extend to within 75 mm of the finished ramp surface,
  - (h) have a cross slope not exceeding 1 in 20.
- (2) Notwithstanding clause (1)(a), the minimum uninterrupted width of a ramp shall be increased to 1500 mm at any facility reasonably expected to allow wheelchairs to meet and pass.
- (3) A ramp shall have:
- (a) a single ramp segment with a maximum rise of 750 mm or,
  - (b) multiple ramp segments conforming to Table 3.2 with,
    - (i) identical gradients for each ramp segment,
    - (ii) a maximum rise of 750 mm for each ramp segment,
    - (iii) level intermediate landings measures at least 1500 mm long by the same width as the ramp.

Table 3.2

Forming Part of Clause 3.2.2(3)

| Minimum Gradient  | Number of Ramp Segments Allowed | Maximum Horizontal Distance Between Landings | Total Rise |
|-------------------|---------------------------------|----------------------------------------------|------------|
| 1:12              | 2                               | 9 m                                          | 1.5 m      |
| From 1:12 to 1:20 | 4                               | 12 m                                         | 3 m        |

- (4) Notwithstanding clause (3)(b)(iii), where abrupt changes occur in the direction of ramp segments, level intermediate landings shall be:
  - (a) 1500 mm by the total width of both ramp segments at 180 degree returns,
  - (b) 1500 mm by the width of the ramp segment at 90 degree returns.

#### Curb Ramps 3.2.3

- (1) Wherever walks of different elevations intersection with other walks, parking lots, driveways or streets, the transition between the surface of the walk and such other features shall be provided by curb ramps which:
  - (a) have a minimum width of 920 mm measured across the usable surface of the curb ramp,
  - (b) have a minimum gradient of 1 in 12,
  - (c) have side slopes with a minimum gradient of 1 in 12,
  - (d) have a permanent, firm and slip-resistant surface, containing no opening that will permit the passage of a sphere larger than 13 mm in diameter and the length of any such opening running in a direction which is less than 90 degrees from the normal path of travel shall not exceed 13 mm,
  - (e) be of colours and texture contrasting with surrounding surfaces.
- (2) Curb ramps shall be designed and constructed to direct pedestrian traffic into the pedestrian crosswalk.

#### Pedestrian Crossings 3.2.4

- (1) Where medians occur in pedestrian crosswalks, the medians shall align to a level common with the crossing surface of the pedestrian crosswalk.
- (2) Safety islands shall:
  - (a) align to a common level with the crossing surface,
  - (b) have a crosswalk surface different in colour and texture to surrounding surfaces.

- (3) Pedestrian underpasses and overpasses shall be accessible.
- (4) Where traffic signals are provided at pedestrian crossings, where practical, audible signals shall be provided.

#### Site Furniture 3.2.5

- (1) Site furniture, kiosks, receptacles and telephone enclosures shall be located adjacent to exterior paths of travel.
- (2) Site furniture shall be located on firm, level surfaces providing tactile cues to differentiate the surface from a path of travel.
- (3) In rest area seating, a level wheelchair/scooter space adjacent to the rest area seating shall be provided at least 850 mm wide by 2000 mm deep, accessible from a path of travel.
- (4) Site furniture tables shall provide wheelchair space 685 mm from the ground to the underside of the table by at least 760 mm wide by 485 mm deep, except that tables provided for children are exempted from this requirement.

#### SUBSECTION 3.3 PARKING

- (1) Accessible parking stalls for motor vehicles at exterior parking lots, storage garages and passenger loading zones shall:
  - (a) have a minimum unobstructed width of 3.9 m for each stall,
  - (b) have a hard surface with a maximum slope of 1 in 50,
  - (c) be clearly identified with the International Symbol for Accessibility,
  - (d) be located at a distance not exceeding 50 m from a major entrance to a building, along an accessible path of travel,
  - (e) be provided in the number required by and conforming to Table 3.3.

Table 3.3 Forming Part of Clauses 3.3(1), 3.3(4)

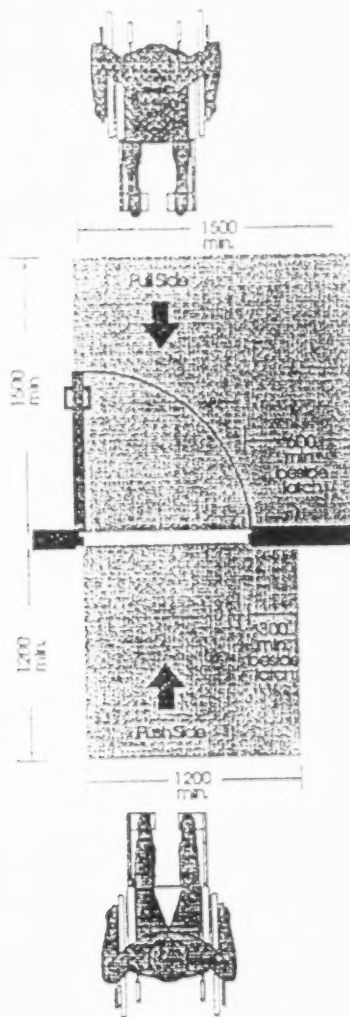
| Total Number of Parking Stalls                                 | Number of Accessible Parking Stalls                |
|----------------------------------------------------------------|----------------------------------------------------|
| 5 to 10                                                        | 1 (i)                                              |
| 11 to 100                                                      | 1 plus 4% (ii)                                     |
| 101 to 400                                                     | 4% of Total Number of Parking Stalls (iii)         |
| 401 and Over                                                   | 4% of Total Number of Parking Stalls over 401 (iv) |
| (i) To conform to clause 3.3.(4)                               |                                                    |
| (ii) One accessible parking stall to conform to clause 3.3.(4) |                                                    |
| (iii) 50% to conform to clause 3.3.(4)                         |                                                    |
| (iv) 50% to conform to clause 3.3.(4)                          |                                                    |

- (2) Passenger loading zones shall be provided with an unobstructed area at least 1500 mm in width, parallel to the accessible parking stall, with no abrupt changes of level and with a tactile cue surface conforming to Article 3.8.1.
- (3) Notwithstanding clause (1)(a), where two adjacent accessible parking stalls provide one forward entry and one reverse entry, the combined minimum width of the two stalls shall be at least 6 m including a common access aisle at least 1.2 m wide.
- (4) Accessible parking stalls for vans equipped with wheelchair lifts shall:
  - (a) have a minimum unobstructed width of 4.5m for each stall. This includes access aisles.
  - (b) within a parking garage,
    - (i) be located on an accessible floor level,
    - (ii) have a minimum clearance of 2.4 m, measured vertically from the floor surface at the accessible parking stall and throughout the vehicular path of travel to the accessible parking stall,
  - (c) be provided in the number required by and conforming to Table 3.3.

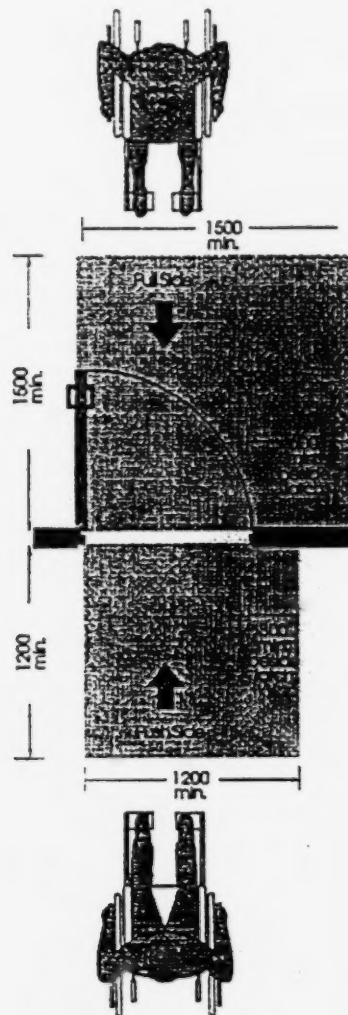
#### SUBSECTION 3.4 ENTRANCES

- (1) It is recommended that at the main entrance, at least one door have a power-operated door opener in compliance with 3.5.3.

- (i) minimum 1500 mm by 1500 mm area, including minimum 600 mm unobstructed area beyond the latching jamb of the door, when the door swing is into this unobstructed area,



- (2) Each major entrance to a building shall:
- (a) provide access to all parts of the building required to be accessible,
  - (b) be located at an accessible level area where any exterior approach shall have a maximum drainage slope of 1 in 20,
  - (c) have a:
    - (i) minimum 1500 mm by 1500 mm area, including minimum 600 mm unobstructed area beyond the latching jamb of the door, when the door swing is into this unobstructed area,



- (ii) minimum 1100 mm wide by 1100 mm deep area, including minimum 300 mm unobstructed area beyond the latching jamb of the door when the door swing is away from this unobstructed area.
- (3) If revolving doors or turnstiles are provided at a major entrance, an entrance in compliance with this subsection shall be installed immediately to one side of the revolving doors or turnstiles.
- (4) Where more than one door is provided at a major entrance, at least one shall be a right hand door and one a left hand door.
- (5) Vestibules located at entrances shall be arranged to allow the movement of persons in wheelchairs between doors, and shall:
  - (a) provide a distance between two doors in series of at least 1.2 m plus the width of any door that swings into the space in the path of travel from one door to another,
  - (b) have a clear space beyond the latched side of each door, of at least 600 mm when the door swings into the vestibule and at least 300 mm when the door swings away from the vestibule.
- (6) Where mud sinks with gratings are provided at entrances, they shall contain no opening that will permit the passage of a sphere larger than 13 mm in diameter and the length of any such opening running in a direction which is less than 90 degrees from the normal path of travel shall not exceed 13 mm.

### SUBSECTION 3.5 INTERIOR PATHS OF TRAVEL

#### Interior Paths of Travel 3.5.1

- (1) Interior paths of travel shall be provided by means of a continuous plane, uninterrupted by stairs or Travel escalators or abrupt changes in level exceeding 13 mm.
- (2) Interior paths of travel shall have:
  - (a) a minimum uninterrupted width of 1100 mm,
  - (b) a cross-sectional area of the width of the passageway or corridor by a minimum height of 1980 mm free from obstructions,

- (c) floor surfaces which:
  - (i) have no opening that will permit the passage of a sphere larger than 13 mm in diameter,
  - (ii) have any elongated openings oriented approximately perpendicular to the direction of travel,
  - (iii) are stable, firm and slip resistant,
  - (iv) are beveled at a maximum slope of 1 in 2 at changes in level not more than 13mm, and
  - (v) are provided with sloped floors or ramps at changes in level more than 13mm.
- (3) Facilities, including but not limited to drinking fountains, washrooms, fire alarm initiating devices, vending machines, information centres, elevator lobbies and public telephones, shall be adjacent to and accessible from interior paths of travel.

#### Ramps in Interior of Paths of Travel 3.5.2

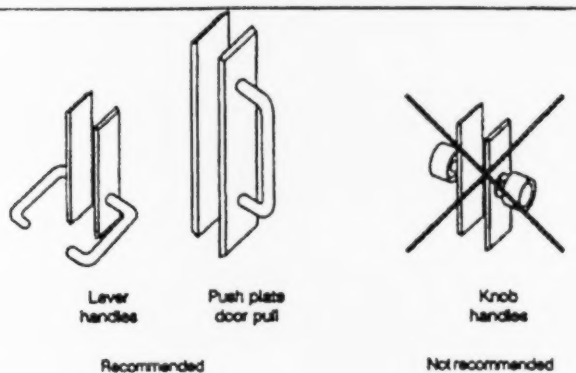
- (1) A ramp in an interior path of travel up to and including 6 m in length shall have a minimum uninterrupted width of at least 870 mm.
- (2) A ramp in an interior path of travel over 6 m in length shall be either:
  - (a) one ramp at least 1500 mm wide or,
  - (b) two ramps, each of which shall have a minimum uninterrupted width of at least 870 mm.

#### Doorways and Doors 3.5.3

- (1) Single doorways shall have a minimum clear opening and Doors width of 800 mm, measured from the face of the door in a 90 degree open position to the stop of the door frame.
- (2) Manually operated doors in doorways shall:
  - (a) be operable by a single handed operation,

- (b) operate when a force of not more than 38 Newtons for hinged exterior doors and not more than 22 Newtons for hinged, sliding, folding or accordion interior doors, is applied at the handle, pushplate or a latch-releasing device,
  - (c) if equipped with a closer, have a closing period of at least 5 seconds measured from the door in an open position of 70 degrees to the doorway to a point 75 mm from the closed position measured from the leading edge of the latch side of the door.
- (3) In doorways where thresholds are provided they shall not exceed 13 mm in height and be bevelled at both edges by the full width of the doorway.
- (4) If revolving doors or turnstiles are provided in interior paths of travel, an entrance in compliance with this subsection shall be installed immediately to one side of the revolving doors or turnstiles.
- (5) Where pairs of doors are installed in one doorway frame, the active leaf shall have a minimum clear opening width of 800 mm, measured from the face of the leaf in a 90 degree open position to the stile of the adjacent leaf.
- (6) Where both leaves of a pair of doors installed in one doorway frame are active leaves, the minimum clear opening for each leaf shall conform to clause (5).
- (7) Each accessible, manually-operated, hinged door shall have a smooth and uninterrupted surface not less than 250 mm high, measured from the bottom edge of the door continuing to within 20 mm of the sides of the door.
- (8) Power-operated:
  - (a) Hinged doors shall not swing into paths of travel unless the doors are identified by tactile cues;
  - (b) If a motion detection power operator door is not used, an independent opener must be placed in an easily accessible location. It is recommended that all openers be of the push/bump type.
- (9) Door latchsets and locksets shall:
  - (a) be of a lever design (D type lever is recommended),
  - (b) have a clearance of not less than 50 mm between the handle and the door,

- (c) be mounted from 915 mm to 1050 mm from the floor to the centre of the latchbolt.



- (10) Push and pull plates and push bars shall be of a colour which contrasts with the colour of the door.
- (11) Doors into service rooms shall be locked to all unauthorized persons and have the door identified by a raised danger symbol.

#### Aisles 3.5.4

The unobstructed minimum width between any two structures or fixtures in aisles in merchandising establishments and exhibition facilities shall be 1100 mm.

#### Restricted Paths of Travel 3.5.5

Where turnstiles, controlled checkout lanes, shopping cart barriers, or other restricted paths of travel are constructed, there shall be at least one clearly marked equivalent accessible facility provided at an equally convenient location.

### SUBSECTION 3.6 VERTICAL ACCESS

#### Elevators 3.6.1

- (1) Passenger elevators shall have:
- (a) a minimum clear opening width of 910 mm for the car door,
  - (b) interior dimensions of a minimum of 1725 mm by 1370 mm,

- (c) handrails installed on all non-access walls shall conform with the provisions for handrails in these guidelines, except that the outside diameter or width shall not be less than 10 mm and not more than 50 mm,
  - (d) a car floor finish of either a slip-resistant resilient flooring or low pile, tight weave carpet, laid without undercushion and securely attached at the threshold of the car door,
  - (e) car controls located with the centre line of the highest button not more than 1370 mm above the finished floor,
  - (f) doors equipped with a re-opening activator with sensing devices that automatically re-opens the doors without physically contacting a person or an object passing through the elevator doorway. They shall be capable of sensing an object in the path of a closing door at a nominal 125 mm + or - 25mm and 735 mm + or - 25mm above the floor without requiring contact.
- (2) The car control panel in all passenger elevators shall have:
- (a) internally illuminated floor registration buttons,
    - (i) at least 19 mm in diameter, exclusive of any surrounding lighting,
    - (ii) raised, flush or recessed with depth of recessed buttons, when operated, not exceeding 6 mm,
    - (iii) which illuminate, when pressed, to show each registered floor call and extinguish when that floor is reached,
  - (b) internally illuminated car control buttons groups below the floor registration buttons, not less than 890 mm from the floor to the lowest row of buttons,
  - (c) identifiable markings immediately to the left of the car control buttons, with such markings being standard symbols, Letter Gothic letters and numerals, 15 mm high and raised not less than 1 mm, with all markings on a contrasting colour background.
- (3) In all passenger elevators, a car position indicator shall be provided above the car control panel or over the doorway, which shall illuminate numbers not less than 16 mm high, and of a colour that contrasts with the colour of the background, corresponding with the floor landing number when the elevator car is stopping at or passing a landing.

- (4) When an emergency communication system is provided in passenger elevators, they shall have either:
  - (a) a telephone that is located a maximum 1220 mm above the finished floor with a minimum cord length of 900 mm, is equipped with a hearing aid coupler coil and volume control, and is set in a telephone cabinet and identified in a contrasting colour with the international symbols for telephones, with such symbols being a minimum 38 mm high and raised a minimum 0.75 mm or,
  - (b) an acceptable two-way emergency communication system.
- (5) Subject to clauses (2)(a) and (c), where the car control panel requires more than one row of floor registration buttons:
  - (a) when two vertical columns of buttons are required, odd numerals shall be placed on the left hand side of the panel and even numerals shall be placed on the right hand side of the panel,
  - (b) when three or more vertical columns of buttons are required, the numerals shall be placed in sequence in rows from left to right.
- (6) At all passenger elevator hoistway entrances, there shall be provided:
  - (a) colour contrasted Letter Arabic letters and numerals at least 50 mm high, with raised faces at least 0.75 mm, located on each jamb 1550 mm  $\pm$  25 mm above the floor,
  - (b) call buttons that:
    - (i) are located 1070 mm  $\pm$  25 mm above the finished floor to the centre line of the button panel,
    - (ii) visually register each call and extinguish when each call is answered.
- (7) Where passenger elevators do not service all floors of a building, such passenger elevator hoistway entrances, at the main floor of the building and at any transfer floor, shall be provided with signs indicating the floors served by the elevators, with colour contrasted Letter Arabic letters and numerals, at least 50 mm high with raised faces of at least 0.75 mm, located immediately adjacent or below the call button panel.
- (8) In response to car calls, doors on all passenger elevators and hoistway entrances shall remain fully open for a minimum of 4 seconds.

- (9) Where more than one passenger elevator is provided within a building, hall lanterns or in-car riding lanterns shall be provided at each passenger elevator hoistway entrance that shall:
- (a) visually indicate when an elevator stops at a landing with visual elements for "up" and "down" and with each element being a minimum 60 mm in its smallest dimension,
  - (b) audible indicator at not less than 24 decibels A-weighted when an elevator stops at a landing, by either sounding once for the "up" direction and twice for the "down" direction, or by an acceptable verbal annunciator,
  - (c) are located a minimum 1830 mm above the finished floor.

#### Elevating Device 3.6.2

- (1) Elevating devices for the transporting of persons with disabilities shall only be installed as referred to in CAN/CSA-B355-M:
- (a) in those existing buildings in which renovations are made in compliance with these guidelines, where the installation of an elevator would be an undue hardship,
  - (b) in those additions to buildings which are made in compliance with the Act and these guidelines, provided that the purpose of the installation of the elevating device is to provide access from the building to the addition or from the addition to the building,
  - (c) for the purpose of providing access to the stage or orchestra pit of a building.

#### Stairs 3.6.3

In conformance with *The National Building Code of Canada*, 1995 Edition, Sections 3.4.6.1, 3.4.6.7, 9.8.3.1 and 9.8.3.2, the following shall apply to all stairs except spiral stairs:

- (1) Treads and landings of interior and exterior stairs and ramps accessible to the public shall have a slip-resistant finish or be provided with slip-resistant strips which extend not more than 1 mm above the surface of the tread, landing or ramp.
- (2) Treads and landings of exterior exit stairs more than 10 m high shall be designed to be free of ice and snow accumulations.

- (3) The colour of the leading edge of each tread shall be of a colour which contrasts with the colour of the remainder of the tread.
- (4) Except as otherwise permitted for fire escapes, treads in every exit stair shall have a run of not less than 230 mm and not more than 355 mm exclusive of nosings.
- (5) Stairs referred to in (4) shall have a rise between successive treads of not less than 125 mm and not more than 200 mm.
- (6) Treads and risers in every exit stair, except a fire escape stair, shall have uniform run and rise in any one flight, and shall not alter significantly in run and rise in successive flights in any stair system.
- (7) Where the run of any tread in an exit stair is less than 250 mm, a nosing of not less than 25 mm shall be provided beyond the face of the riser, or an equivalent back slope on the riser shall be provided.
- (8) The front edge of stair treads in exits and public access to exits shall be at right angles to the direction of exit travel.
- (9) Except for stairs to areas used only as service rooms, interior stairs within dwelling units and exterior stairs serving dwelling units shall have a maximum rise of 200 mm, a minimum run of 210 mm and a minimum tread width of 235 mm.
- (10) Except for stairs serving not more than one dwelling unit, interior stairs not contained within dwelling units and exterior stairs for buildings shall have a rise of not more than 200 mm and not less than 125 mm.
- (11) Stairs referred to in clause (10) shall have a run of not less than 230 mm, or not more than 355 mm and a tread width of not less than 250 mm.
- (12) Where the run of any stair is less than 250 mm, a nosing of not less than 25 mm shall be provided beyond the face of the riser, or an equivalent back slope on the risers shall be provided.
- (13) Walking surfaces must have tactile cues in accordance with section 3.8.1©.

#### SUBSECTION 3.7 HANDRAILS

##### Handrails 3.7.1

- (1) Notwithstanding parts 3 and 9 of *The National Building Code of Canada*, 1995 edition, handrails shall be constructed:

- (a)
    - (i) with an attachment to wood studs, wood blocking, steel studs or masonry at points spaced not more than 1.2 m apart,
    - (ii) with wood studs in (i) consisting of not less than 2 wood screws at each point, penetrating not less than 32 mm into solid wood,
  - (b) to allow for a natural grip,
  - (c) with an outside diameter of not more than 40 mm,
  - (d) with a minimum edge radius of 3 mm where edges occur,
  - (e) without sharp edges or protrusions,
  - (f) with projecting ends returned to walls, floors or posts,
  - (g) with a tactile cue on the top surface to identify the main exit floor level,
  - (h) with a minimum clearance of 35-45 mm between the rail and the wall.
- (2) Handrails shall be provided on 2 sides of any ramp having a vertical rise exceeding 230 mm, except curb ramps. Where seats are adjacent to ramps in a theatre, a handrail is not required on the seat side.
- (3) Except where handrails are continuous at landings or at returning centre handrails, handrails shall extend:
- (a) at least 300 mm beyond the top of each ramp segment and flight of stairs,
  - (b) at least 300 mm beyond the bottom of each ramp segment,
  - (c) at least 300 mm plus 1 tread width at the bottom of each flight of stairs.

### 3.7.2

Notwithstanding clause 3.7.1, where facilities are intended for use specifically for children 12 years of age and under, additional handrails shall be mounted at 600 mm from:

- (a) the floor level to the centre of the rail,

- (b) at stairs, measured vertically from a line through the leading edge of the treads.

### SUBSECTION 3.8 WARNING SYSTEMS

#### Tactile Cues on Walking Surfaces 3.8.1

- (1) Tactile cues on walking surfaces shall be provided as warning of:
  - (a) possible hazards within and adjacent to interior and exterior paths of travel,
  - (b) conflicts between pedestrian and vehicular paths of travel,
  - (c) approaches to the top and bottom landings of ramps and stairs.
- (2) The use and application of texture pattern for each type of tactile cue shall be consistent throughout the facility and shall not be used for purposes other than tactile cues.
- (3) The area of a tactile cue shall extend from hazards, paths of vehicular travel, ramps or stairs, a distance of not less than 900 mm for the full width of the hazard, path of vehicular travel, ramp or stair, as the case may be, and shall be:
  - (a) slip-resistant,
  - (b) detectable by walking upon as being different from, and in a contrasting colour to, the surrounding flooring.

#### Tactile Cues on Handrails

- (4) Tactile cues shall be provided on handrails and consist of a detectable change of texture permanently forming a portion of the top surface of the handrail consistent throughout the facility and shall not be used for purposes other than tactile cues.

#### Fire Alarm Systems 3.8.2

- (1) Where a fire alarm system is provided in addition to any other requirements, a visual warning system shall be installed which, upon activation of the general evacuation fire alarm system, shall cause all exit light fixtures and all manual alarm initiating device indicating lights to flash stroboscopically at a rate of not greater than 1 Hertz.

- (2) In addition to and notwithstanding clause (1), a visual warning system shall be provided in at least 10% of the bedrooms or dormitories of Group C occupancy, which:
- (a) shall contain a stroboscopic light fixture with clear or white translucent lens and which shall operate at a frequency not exceeding 1 Hertz and an intensity of not less than 500 lux, at 3 m with the word "FIRE" clearly visible on the lens or attached nameplate,
  - (b) may be of portable design which in all other respects conform to the requirements of clause (1).

### SUBSECTION 3.9 DIRECTION AND INFORMATION GUIDES

#### Signs 3.9.1

- (1) Signs required by clauses (2) and (3) shall:
- (a) be located so as to be seen from a seated position,
  - (b) have a glare-free surface,
  - (c) have characters in accordance with the following table:

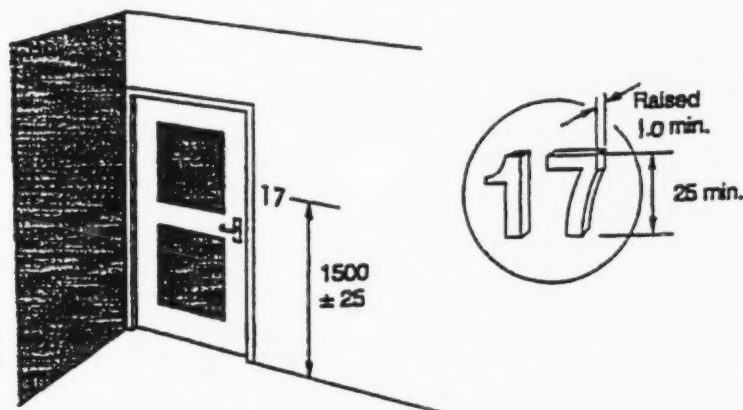
(An upper-case "X" should be used for character measurement. All signs should be consistently placed and of uniform design so as to be readily seen.)

Character Height Dimensions for Viewing Distances

| Minimum Character Height, mm | Maximum Viewing Distance, mm |
|------------------------------|------------------------------|
| 200                          | 6000                         |
| 150                          | 4600                         |
| 100                          | 2500                         |
| 75                           | 2300                         |
| 50                           | 1500                         |
| 25                           | 750                          |

- (d) have characters and symbols and colours that highly contrast with their backgrounds,

- (e) contain the International Symbol of Accessibility for Persons with Disabilities and any additional wording or symbols necessary to convey full understanding,
- (f) be tactile with letters, numerals and characters raised at least 1 mm from the surface of the sign,
- (g) be mounted so that the centre point of the sign is 1500 mm from the floor,
- (h) be mounted on the wall on the side of the door which has the door opener. If this is not possible, the sign should be mounted directly onto the door.



- (2) Signs shall be installed to provide adequate identification of, or direction to:
  - (a) accessible viewing positions,
  - (b) accessible levels and entrances of a multi-level parking structure containing accessible parking stalls,
  - (c) reserved accessible parking stalls.
- (3) In addition to clause (2), in buildings to which renovations have been made in compliance with these guidelines, signs shall also be installed to provide adequate identification of, or direction to:
  - (a) alternate accessible paths of travel,
  - (b) accessible washrooms and bathrooms.

- (4) In all buildings which are fully accessible in compliance with these guidelines, an identifying sign shall be affixed to all exterior doors of the major entrances which shall indicate that the building is fully accessible and shall:
- (a) be a minimum 50 mm by 50 mm,
  - (b) be located not less than 1370 mm nor more than 1675 mm from the floor and shall contain the International Symbol of Accessibility for persons with disabilities.

#### Room Identification 3.9.2

- (1) Where room identification signs are used within a building, they shall conform to clause (2).
- (2) Doors and openings that lead from any accessible path of travel shall be identified by tactile cue signs with Letter Arabic letters and numerals, which shall be:
- (a) minimum 25 mm high and raised 0.75 mm with a high stroke-width to height ratio of 1:6 to 1:10,
  - (b) located on the door or the active leaf of a pair of doors, or on the wall within 150 mm of the door jamb or opening and centred 1370 to 1675 mm above the finished floor,
  - (c) when used to identify washrooms, shall be identified by:
    - (i) the words "Men" or "Women" with letters not less than 50 mm high to identify the sex,
    - (ii) used in combination with door mounted, raised or incised international symbols for male and female.

#### Egress Guidance 3.9.3

Doors from any floor area leading to a means of egress shall, when the door is an exit door, be of a contrasting colour to that of the wall in which they are set and be of a different colour from that of any other door in the same area.

#### Inaccessible Entrances 3.9.4

Where an entrance to a building is not accessible, a sign shall be located as far ahead as is practicable:

- (a) showing an International Symbol for Accessibility with a diagonal bar in a contrasting colour placed across the symbol at 45 degrees,
- (b) containing directions to the nearest accessible entrance to the building.

#### Information Display Units 3.9.5

Information display units shall be constructed so that the information communicated can be seen from a seated position.

#### Passenger Stations, Depots 3.9.6

Any building which has a major occupancy as a passenger and depot station shall provide an information source of visual and audible directions and information by means of accessible:

- (a) direct line telephone or intercom,
- (b) telewriter,
- (c) printed documents, timetable display boards,
- (d) floor plans or maps:
  - (i) oriented from the viewer and indicating the viewer's relative position,
  - (ii) showing entrances, ticket counters, public lockers, restrooms, restaurants, public telephones, points of embarkation and disembarkation, local transportation and building exits,
- (e) directional guides conforming to this subsection.

### SUBSECTION 3.10 WASHROOMS, BATHROOMS AND SHOWERS

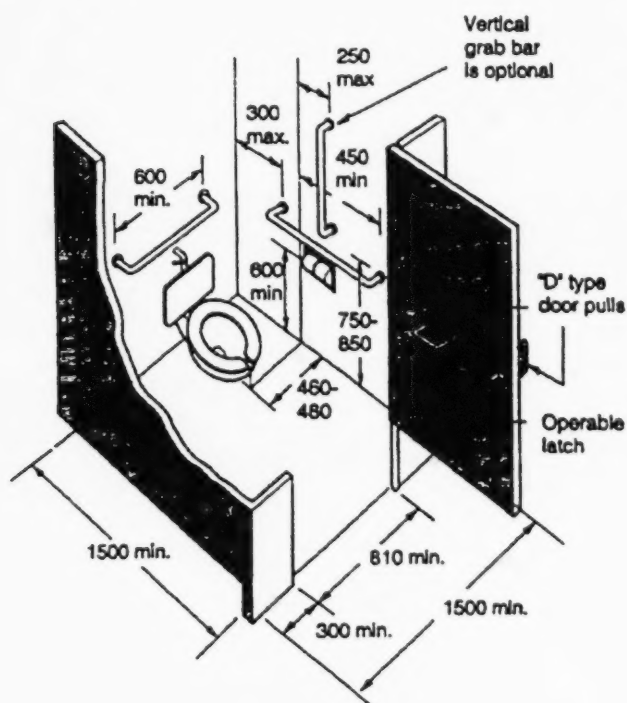
#### General 3.10.1

- (1) It is recommended that where public washroom facilities are provided, consideration be given to having at least one accessible, unisex family washroom.
- (2) Where washrooms, bathrooms and showers are required to be accessible by Section 2, they shall:

- (a) be designed to provide maneuvering space to each type of fixture required to be accessible,
- (b) conform to clauses (2) to (14).

### Water Closet Areas

- (3) Where water closet areas are provided, at least one water closet area shall:
  - (a) be a minimum clear, unobstructed floor area of 1500 mm by 1500 mm, not including the water closet, with no encroachment into that area by the door swing,



- (b) where the water closet area is separately partitioned and has a self-closing, hinged door with a door swing that does not encroach into the minimum water closet area described in clause (a):
  - (i) have a minimum clear opening width of at least 810 mm,
  - (ii) have opening and locking devices which do not require pinching or twisting motions to operate,

- (iii) be capable of being locked from the inside,
  - (iv) have a graspable handle on the inside face of the door, located 80 - 90 mm from the hinged edge of the door and 900 - 925 mm above the floor and shall not be required to be self-closing,
- (c) have grab bars that are mounted on a wall or partition that are not less than 900 mm in length, located with its centerline not less than 840 mm nor more than 920 mm above the floor and with its midpoint located in line with the front edge of the water closet; or on the wall beside the water closet, with a horizontal portion 600 mm in length and a 600 mm extension extending upwards to the front and away from the horizontal portion at an angle of 60 degrees to the horizontal, with the centerline of the horizontal portion not less than 840 mm nor more than 920 mm above the floor and the intersection of the horizontal and sloping positions located in line with the front edge of the water closet,
- (d) where tank-type water closets are not used, have a second bar, minimum 450 mm long, mounted on the wall behind and centred over the water closet, with the centre line 840 - 920 mm above the floor.

#### Water Closets

- (4) Water closets in accessible water closet areas shall:
- (a) be located with the centre line of the fixture a minimum of 460 mm and maximum of 480 mm from the side wall carrying the grab bar,
  - (b) be mounted with one of the toilet seats from 400 mm to 460 mm above the floor,
  - (c) have a toilet seat that is not spring-up type,
  - (d) have accessible hand-operated flushing controls,
  - (e) where tank-type water closets are provided, have tank lids bolted down, and be installed to withstand external horizontal back pressure,
  - (f) where tank-type water closets are not used, have a toilet seat cover that rests against the grab bar to provide back support.

### Lavatory Basins

- (5) Where lavatory basins are provided, at least one lavatory basin shall:
- (a)
    - (i) be mounted with a maximum dimension of 865 mm from the floor to the rim,
    - (ii) have a clearance of a minimum 660 mm under the apron of the bowl,
    - (iii) have a minimum clear area width of 760 mm, centred on the basin, except for the encroachment of the trap to a depth at a point at least 260 mm from the front of the fixture or vanity at the upper level and a minimum depth of 500 mm from the front of the fixture or vanity, measured at a height of 330 mm from the floor and extending to the floor,
  - (b) where vanities are used, the distance between the front edge of the vanity and the inside lip of the basin shall not exceed 100 mm,
  - (c) have all exposed drain traps and hot water pipes insulated or otherwise protected where they may constitute a burn hazard,
  - (d) have faucets of lever or other design that:
    - (i) are operable with a closed fist by a force not exceeding 13 Newtons,
    - (ii) do not have spring-loaded turning handles,
    - (iii) are operated with the hot water on the left and the cold water on the right. It is recommended that the hot water faucet have a red indicator and the cold water faucet have a blue indicator.
  - (e) be placed to allow a frontal approach by a person in a wheelchair,
  - (f) have a smooth undersurface free from sharp edges.

### Urinals

- (6) Where urinals are provided, at least one urinal shall be:
- (a) accessible from the level of the floor,

- (b) a floor mounted urinal or,
- (c) a wall mounted urinal with an elongated lip:
  - (i) installed 430 mm from the floor to the top of the lip,
  - (ii) with a floor area in front of and under the urinal to allow the front edge of a wheelchair seat access to the lip of the urinal,
- (d) provided with a clear width of 800 mm centred on the urinal,
- (e) provided with a vertical grab bar at each side, not less than 300 mm long and at a distance not greater than 380 mm from the centre line of the urinal.

#### Mirrors

- (7) Where mirrors are provided, at least one shall be mounted:
  - (a) with its bottom edge not more than 1000 mm above the floor or,
  - (b) with the top edge permanently tilted out from the wall surface to provide viewing from a seated position.

#### Washroom Accessories, Dispensers and Receptacles

- (8) Washroom accessories, dispensers and receptacles shall be not more than 1200 mm from the floor to any user function and be accessible.
- (9) Notwithstanding clause (8), toilet tissue dispensers shall be placed:
  - (a) on the partition or wall nearest to the water closet,
  - (b) immediately below a grab bar,
  - (c) directly in line with the front edge of the water closet.

#### Bathtubs

- (10) Where bathtubs are provided, at least one bathtub shall have:
  - (a) faucets that conform to the requirements of clause 3.10.1(4)(d),
  - (b) the temperature of the water controlled by a pressure equalizing valve or an automatic thermostatically controlled valve,

- (c) where a shower is provided in the bathtub, there shall be:
  - (i) a hand-held shower head on a flexible hose, located with the water and temperature controls and provided with a fixed wall-mounted hook, accessible from the seated position,
  - (ii) selector controls that meet the requirements of clause (a) for faucets,
  - (iii) no shower doors,
- (d) soap holders easily accessible from a seated position,
- (e) have an integral slip-resistant bottom,
- (f) grab bars with:
  - (i) a horizontal section not less than 915 mm long, mounted on the back wall, not less than 150 mm and not more than 300 mm above the back rim of the bathtub,
  - (ii) a vertical section continued from the horizontal section to rise not less than 600 mm from the horizontal section and located 275 - 325 mm from the control end of the bathtub.

#### Shower Compartments

- (11) Where shower compartments are provided, at least one shower compartment shall have:
  - (a) minimum inside dimensions 1500 mm wide by 900 mm deep,
  - (b) a clear floor area in front of the entrance to the shower, minimum 1200 mm by 1220 mm, commencing 300 mm beyond the walls on which the seat is affixed,
  - (c) a wall-mounted, folding seat that shall be:
    - (i) manufactured so as to be impervious to water and of such a design as to be easily cleaned,
    - (ii) capable of carrying 135 kg,
    - (iii) mounted with the top of the seat not less than 450 mm above the shower floor,

- (iv) of a width not less than 450 mm,
- (v) of a depth of 400 mm,
- (d) single lever water controls that conform to the requirements of clause 3.10.1(4)(d),
- (e) the temperature of the water controlled by a pressure equalizing valve or an automatic thermostatically controlled valve,
- (f) a hand-held shower head on a minimum 1500 mm flexible hose, located with the water and temperature controls and provided with a fixed wall-mounted hook accessible from the seated position,
- (g) a soap holder easily accessible from a seated position,
- (h) grab bars that are located on the wall opposite the point of entry and on the same wall as the seat, 900 mm in length, with the centre of the grab bar 850 mm above the shower floor shall have a slip-resistant floor surface,
- (j) no shower doors,
- (k) bevelled thresholds that do not exceed 13 mm in height.

#### Gang Showers

- (12) Where curbs occur at gang showers, a separate shower conforming to clause (11) shall be provided.
- (13) In accessible gang shower rooms, at least one shower station conforming to clauses (11)(b) to (k) shall be provided.

#### Grab Bars

- (14) Grab bars shall:
  - (a) have a continuous natural grip,
  - (b) be of slip-resistant surface for the entire length of each grab bar,
  - (c) have a grip diameter not less than 30 mm and not more than 40 mm,
  - (d) be installed with a minimum clearance of 35 mm and maximum clearance of 45 mm from the walls,

- (e) withstand a minimum force of 1.3 kilonewtons applied in any direction and at any point.

#### Children's Facilities 3.10.2

In occupancies or parts of occupancies used predominantly by children, it is permissible to locate fixtures and grab bars at heights lower than those described in clause 3.10.1.

### SUBSECTION 3.11 VIEWING POSITIONS

#### Viewing Positions 3.11.1

- (1) Where viewing positions or seating are provided in Group A major or subsidiary occupancies, viewing positions shall be provided at the rate of 2% of total seating capacity with a minimum of 2 seats for:
- (a) individuals who use mobility assistive devices (e.g. wheelchairs, scooters, walkers, etc.)
  - (b) persons wearing orthotics or prosthetics.

| Number of Fixed Seats in Seating Area                        | Number of Spaces Required for Mobility Assistive Devices |
|--------------------------------------------------------------|----------------------------------------------------------|
| 1. 2 – 100                                                   | 2                                                        |
| 2. 101 – 200                                                 | 4                                                        |
| 3. 201 – 300                                                 | 6                                                        |
| 4. 301 – 400                                                 | 8                                                        |
| 5. 401 – 500                                                 | 10                                                       |
| 6. 501 – 900                                                 | 18                                                       |
| 7. 901 – 1300                                                | 26                                                       |
| 8. 1301 – 1700                                               | 34                                                       |
| 9. Each increment of up to 400 seats in excess of 1700 ..... | add one additional space                                 |

- (2) Viewing positions required by clause (1) shall be distributed generally throughout the seating area to provide choice of area and adjacent seating.
- (3) Each viewing position required for individuals who use mobility assistive devices shall be:

- (a) either a level area with removable seating to allow the space to be used by individuals using mobility assistive devices, or a clear and level area,
- (b) minimum 1525 mm deep by minimum 840 mm wide for side-entry and minimum 1220 mm deep for a front- or rear-entry and provide an uninterrupted view of the event taking place,
- (c) arranged so that two shall be side by side,
- (d) located so as not to interfere with means of egress from any row of seating or infringe on any aisle requirements.

### 3.11.2

Each viewing position required for persons with orthotics or prosthetics shall be located on an aisle and contain a seat minimum 600 mm wide.

### 3.11.3

Where fixed viewing positions are provided for persons with hearing impairments, each viewing position shall be equipped with an individual audio amplifying device, where an electronic amplifying system is installed.

## SUBSECTION 3.12 PUBLIC TELEPHONES

### Public Telephones 3.12.1

Public telephone locations shall be located outside of and adjacent to paths of travel and:

- (a) at least one telephone at each location shall:
  - (i) be provided with unobstructed access to within 300 mm of the front of the telephone with such access not less than 760 mm wide and 760 mm deep,
  - (ii) have a vertical clearance of not less than 675 mm under a directory shelf,
  - (iii) have the centre of the coin slot not more than 1200 mm above the floor,

- (b) at least one additional telephone shall:
  - (i) have a handset incorporating a hearing aid coupler coil and volume control,
  - (ii) be identified by the International Symbol for the Hearing Impaired,
- (c) where only one telephone is provided, and a need for a hearing impaired set is identified, the hearing impaired set will be provided.

### SUBSECTION 3.13 DRINKING FOUNTAINS AND SINKS

#### Drinking Fountains 3.13.1

- (1) In each location where a drinking fountain or fountains are installed, they shall be located adjacent to paths of travel and at least one fountain shall:
  - (a) have a spout opening of not more than 915 mm above the floor,
  - (b) have lever or push bar controls operable by a force not exceeding 13 Newtons, located either on the front or on either side,
  - (c) be free from sharp edges or corners,
  - (d) be provided with a clear access to the front of the fountain, not less than 800 mm wide and 800 mm deep, centred on the fountain,
  - (e) have the spout located at the front to direct the flow of water parallel or away from the front edge.
- (2) Where a cup dispenser is provided, it shall be mounted so as to be accessible.
- (3) Exterior drinking fountains shall be mounted on a hard paved surface, extending at least 600 mm beyond the sides of the fountain.
- (4) Notwithstanding clause (1)(a), in occupancies or parts of occupancies used predominantly by children, spouts may be located at a lower level.

#### Sinks 3.13.2

Kitchen sinks, laundry sinks and other types of sinks shall have:

- (a) faucets that conform to the requirements of clause 3.10.1(4)(d),

- (b) have not sharp edges or rough corners,
- (c) have all exposed pipes below 1200 mm from the floor insulated and otherwise protected, where they may constitute a burn hazard.

#### SUBSECTION 3.14 FLOOR SURFACES

##### Floor Surfaces 3.14.1

Carpeting used as a finished floor surface on paths of travel shall:

- (a) have a tight stitch, low pile and firm underlay, if used,
- (b) be securely fixed with continuous carpet trim strips at all exposed edges, with bevels not exceeding 1:2.

#### SUBSECTION 3.15 LOCATION AND MOUNTING HEIGHTS

##### Location and Mounting Heights 3.15.1

- (1) Wall mounted electrical convenience receptacles shall be mounted with the centre of the receptacle not less than 450 mm nor more than 1400 mm above the floor level.
- (2) Where practicable, all accessible user operable controls and accessories not otherwise provided for and including, but not limited to, electric light switches, controls and thermostats, shall be mounted not less than 1200 mm and not more than 1400 mm above the floor level to the centre of the controls of accessory.

#### SUBSECTION 3.16 AREAS OF REFUGE

##### Areas of Refuge 3.16.1

The owner shall conform to the requirements of *The Uniform Building and Accessibility Standards Regulations*, Section 3.7.1.9 which are as follows:

- (1) Every barrier-free area in an unsprinklered building shall:
  - (a) be protected in conformance with the requirements of Article 3.3.1.7 or,
  - (b) be provided with at least one area of refuge conforming to Sentence (2).

- (2) An area of refuge as required in Clause (1)(b) shall consist of:
- (a) a floor area or part of a floor area to which a horizontal exit provides access or,
  - (b) a floor area or part of a floor area that is:
    - (i) of a size that allows floor space in conformance with Clause 3.2.6.3(1)(c) for each of two non-ambulatory occupants plus any persons who may be attendant on the non-ambulatory persons and may need to use the area in an emergency,
    - (ii) separated from the floor area by a fire separation having a fire-resistance rating at least equal to that required for an exit,
    - (iii) served by an exit or a fire fighter's elevator which conforms to Article 3.2.6.9,
    - (iv) designated as an area of refuge on the building plans and in the building,
    - (v) smoke protected in conformance with Clause 3.2.6.3(1)(f) in buildings of more than three storeys,
    - (vi) located so as not to impede exits and access to exits.

#### SUBSECTION 3.17 LOCKERS

##### Lockers 3.17.1

Where lockers are provided, at least 2% of the lockers, with a minimum of at least 2 lockers, shall be provided:

- (a) with access from a path of travel,
- (b) with shelves, hooks and rods or other operating accessories which shall be not less than 230 mm and not more than 1400 mm above the floor level,
- (b) with a minimum clear area width of 1200 mm by 1200 mm, centered on each locker,
- (d) with a sign designating which are accessible. (Universal Symbol of Accessibility).

## SUBSECTION 3.18 BUILT-IN FITMENTS AND CASEWORK

### Application 3.18.1

- (1) Where built-in fitments and casework are provided in accessible facilities, they shall conform with the requirements of clauses (2) to (6).

### Knee Space

- (2) Where knee spaces are provided under fixed countertops, they shall have accessible space with minimum clear dimensions 685 mm from the floor to the underside of the apron by 760 mm wide by 485 mm deep.

### Work Areas

- (3) Work areas with fixed work countertops in Group A, Division 2, major or subsidiary occupancies, shall include at least one work station with:
  - (a) a knee space under the countertop assembly of a minimum clear dimension of 685 mm from the floor to the underside of the apron of the countertop by 760 mm wide by 485 mm deep,
  - (b) an accessible aisle not less than 1100 mm between countertops,
  - (c) a countertop not exceeding 900 mm in height above the floor.

### Aisles

- (4) Aisles between fixed built-in fitments shall be at least 1100 mm wide.
- (5) In this subsection, the width of the accessible knee space plus the width of the aisle shall not be less than 1680 mm.

### Service Counters

- (6) Where service counters are provided, at least one shall:
  - (a) not exceed 865 mm in height,
  - (b) be adjacent to an accessible path of travel,
  - (c) be in the same vicinity and provide the same service as the other service counters, if any other counters are available.

## Restaurants, Cafeterias

- (7) Where permanent food service lines are installed, they shall:
  - (a) be a minimum width of 1100 mm throughout,
  - (b) where tray rails are provided, they shall be continuous and located not more than 865 mm above the floor,
  - (c) be accessible from an accessible path of travel.

## Seating Space

- (8) Where seating other than for viewing positions is permanently built-in, at least 5% or one, whichever is greater, of the total number of seating spaces shall accommodate mobility assistive devices, such as wheelchairs, scooters, etc.
- (9) In restaurants or cafeterias, seating spaces required by clause (8) shall have knee spaces conforming to the requirements of clause (2).

## SUBSECTION 3.19 RESIDENTIAL OCCUPANCIES

### Residential Occupancies 3.19.1

- (1) Where kitchen counters are required to be accessible in residential occupancies, they shall have:
  - (a) 1500 mm clear width between countertop edges in a U-cabinet layout,
  - (b) 1500 mm clear width between a countertop and a wall in an L-cabinet layout,
  - (c) 1000 mm clear width between a countertop and a wall with the countertop along one wall only or,
  - (d) 1500 mm clear turning circle below countertop height.
- (2) Where bathrooms are required to be accessible in residential occupancies, they:
  - (a) need not have grab bars mounted, but shall be installed with blocking to allow for future attachment of grab bars,

- (b) shall have doors which swing away from the bathroom or are sliding or are solid folding doors or,
- (c) sufficient space for an in-swinging door to clear mobility assistive devices, such as wheelchairs, scooters, etc.,
- (d) clearances to allow the door to be closed when occupied by an individual using a mobility assistive device.

### SUBSECTION 3.20 RECREATION FACILITIES

#### General 3.20.1

- (1) Recreation facilities shall be accessible including, but not limited to:
  - (a) parks and park facilities,
  - (b) zoos, botanical gardens and amusement parks,
  - (c) indoor and outdoor swimming pool tanks whether raised or lowered,
  - (d) whirlpools and hot tubs.

#### Nature Trails

- (2) Nature trails and paths with developed walkways and all associated facilities shall provide access to persons who are ambulatory, semi-ambulatory, visually impaired or who use a mobility assistive device, provided that such nature trails and paths over steep or difficult terrain are exempt if alternate accessible routes are provided to outlook stations which convey a similar experience of the wilderness area.
- (3) At least 10% of no fewer than 2 of the total number of campsites, picnic sites, outdoor cooking sites and fire pits within a park shall be accessible and be distributed generally throughout the area, and shall:
  - (a) have a parking space 3400 mm wide, adjacent to the campsite, with an accessible path of travel to the campsite and outdoor cooking area, parking area,
  - (b) have an accessible path of travel to all types of facilities available in the park.